

which was ordered to lie on the table; as follows:

At the appropriate place in division B, insert the following:

**SEC. \_\_\_\_ . AUTHORIZATION OF APPROPRIATIONS FOR THE DEFENSE ADVANCED RESEARCH PROJECTS AGENCY.**

There are authorized to be appropriated for the Defense Advanced Research Projects Agency amounts as follows:

- (1) \$600,000,000 for fiscal year 2022.
- (2) \$1,200,000,000 for each of fiscal years 2023 through 2026.

**SA 2053.** Mr. CRUZ (for himself, Mr. JOHNSON, Mr. BARRASSO, Mr. RUBIO, Mr. COTTON, and Mr. HAGERTY) submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the end of subtitle A of title II of division C, add the following:

**SEC. 3219L. IMPOSITION OF SANCTIONS WITH RESPECT TO NORD STREAM 2.**

(a) IN GENERAL.—Not later than 15 days after the date of the enactment of this Act, the President shall—

(1) impose sanctions under subsection (b) with respect to—

(A) Nord Stream 2 AG or a successor entity;

(B) Matthias Warnig; and

(C) any other corporate officer of or principal shareholder with a controlling interest in Nord Stream 2 AG or a successor entity; and

(2) impose sanctions under subsection (c) with respect to—

(A) Nord Stream 2 AG or a successor entity; and

(B) Matthias Warnig.

(b) INELIGIBILITY FOR VISAS, ADMISSION, OR PAROLE OF IDENTIFIED PERSONS AND CORPORATE OFFICERS.—

(1) IN GENERAL.—

(A) VISAS, ADMISSION, OR PAROLE.—An alien described in subsection (a)(1) is—

- (i) inadmissible to the United States;
- (ii) ineligible to receive a visa or other documentation to enter the United States; and
- (iii) otherwise ineligible to be admitted or paroled into the United States or to receive any other benefit under the Immigration and Nationality Act (8 U.S.C. 1101 et seq.).

(B) CURRENT VISAS REVOKED.—

(i) IN GENERAL.—The visa or other entry documentation of an alien described in subsection (a)(1) shall be revoked, regardless of when such visa or other entry documentation is or was issued.

(ii) IMMEDIATE EFFECT.—A revocation under clause (i) shall—

(I) take effect immediately; and

(II) automatically cancel any other valid visa or entry documentation that is in the alien's possession.

(c) BLOCKING OF PROPERTY OF IDENTIFIED PERSONS.—The President shall exercise all powers granted to the President by the International Emergency Economic Powers Act (50 U.S.C. 1701 et seq.) to the extent necessary to block and prohibit all transactions in all property and interests in property of a

person described in subsection (a)(2) if such property and interests in property are in the United States, come within the United States, or are or come within the possession or control of a United States person.

(d) IMPLEMENTATION; PENALTIES.—

(1) IMPLEMENTATION.—The President may exercise all authorities provided to the President under sections 203 and 205 of the International Emergency Economic Powers Act (50 U.S.C. 1702 and 1704) to carry out this section.

(2) PENALTIES.—A person that violates, attempts to violate, conspires to violate, or causes a violation of this section or any regulation, license, or order issued to carry out this section shall be subject to the penalties set forth in subsections (b) and (c) of section 206 of the International Emergency Economic Powers Act (50 U.S.C. 1705) to the same extent as a person that commits an unlawful act described in subsection (a) of that section.

(e) EXCEPTIONS.—

(1) EXCEPTION FOR INTELLIGENCE, LAW ENFORCEMENT, AND NATIONAL SECURITY ACTIVITIES.—Sanctions under this section shall not apply to any authorized intelligence, law enforcement, or national security activities of the United States.

(2) EXCEPTION TO COMPLY WITH UNITED NATIONS HEADQUARTERS AGREEMENT.—Sanctions under this section shall not apply with respect to the admission of an alien to the United States if the admission of the alien is necessary to permit the United States to comply with the Agreement regarding the Headquarters of the United Nations, signed at Lake Success June 26, 1947, and entered into force November 21, 1947, between the United Nations and the United States, the Convention on Consular Relations, done at Vienna April 24, 1963, and entered into force March 19, 1967, or other applicable international obligations.

(3) EXCEPTION RELATING TO IMPORTATION OF GOODS.—

(A) IN GENERAL.—Notwithstanding any other provision of this section, the authorities and requirements to impose sanctions authorized under this section shall not include the authority or a requirement to impose sanctions on the importation of goods.

(B) GOOD DEFINED.—In this paragraph, the term “good” means any article, natural or man-made substance, material, supply or manufactured product, including inspection and test equipment, and excluding technical data.

(f) DEFINITIONS.—In this section:

(1) ADMISSION; ADMITTED; ALIEN.—The terms “admission”, “admitted”, and “alien” have the meanings given those terms in section 101 of the Immigration and Nationality Act (8 U.S.C. 1101).

(2) UNITED STATES PERSON.—The term “United States person” means—

(A) a United States citizen or an alien lawfully admitted for permanent residence to the United States;

(B) an entity organized under the laws of the United States or any jurisdiction within the United States, including a foreign branch of such an entity; or

(C) any person within the United States.

**SA 2054.** Mr. PORTMAN (for himself, Mr. HEINRICH, and Mr. LUJÁN) submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, inno-

vation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

After section 2115, insert the following:

**SEC. 2116. SAFETY AND ETHICS AI RESEARCH INSTITUTES.**

Within the National Artificial Intelligence Research Institutes authorized in section 5201 of William M. (Mac) Thornberry National Defense Authorization Act for Fiscal Year 2021 (Public Law 116-283), the Director of the National Science Foundation shall establish a specific theme that addresses the areas of artificial intelligence safety and artificial intelligence ethics in order to promote development of trustworthy artificial intelligence and to mitigate the creation and use of artificial intelligence systems that behave in ways that cause harm.

**SA 2055.** Mr. PAUL submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the end of title V of division B, add the following:

**SEC. 2528. GAO STUDY ON OVERSIGHT OF FEDERAL SCIENCE AND TECHNOLOGY GRANT MAKING AND INVESTMENTS.**

(a) FINDINGS.—Congress finds that—

(1) in instances such as the Troubled Asset Relief Program, the American Recovery and Reinvestment Act of 2009, Iraq, and Afghanistan, Congress has created special inspectors general and other oversight entities focused on particular program areas who have performed in outstanding ways;

(2) the oversight entities described in paragraph (1) have helped to strengthen oversight in cross-agency activities and where component inspectors general may have otherwise faced significant challenges;

(3) because of the cross-agency nature of Federal science and technology activities, Congress created the Office of Science and Technology Policy to coordinate and harmonize among science functions at agencies;

(4) the United States innovation ecosystem, which uses multiple science agencies to invest in research and development, can make it more difficult to identify and remove scientists who violate research integrity principles;

(5) the single agency jurisdiction of an agency inspector general can be a disadvantage with respect to their oversight roles, and opportunities to strengthen the system may exist;

(6) single agency jurisdiction of inspectors general may also make it difficult to harmonize principles and standards for oversight of waste, fraud, and abuse among agencies; and

(7) certain issues of fraud, waste, and abuse in Federal science and technology activities span multiple agencies and are more apparent through cross-agency oversight.

(b) STUDY.—Not later than 1 year after the date of enactment of this Act, the Comptroller General of the United States shall conduct a study and submit to Congress a report that—

(1) evaluates the frequency of cases of waste, fraud, or abuse perpetrated across multiple Federal science agencies by an awardee or group of awardees;

(2) evaluates the effectiveness of existing mechanisms to detect waste, fraud, and abuse perpetrated across multiple Federal science agencies by an awardee or group of awardees; and

(3) evaluates options for strengthening detection of waste, fraud, and abuse perpetrated across multiple Federal science agencies by an awardee or group of awardees, including by examining the benefits and drawbacks of—

(A) providing additional support to agency inspectors general with regard to coordinated oversight of Federal and technology grant making investments; and

(B) alternative mechanisms for strengthening prevention and detection of waste, fraud, and abuse across Federal science agencies perpetrated across multiple Federal science agencies by an awardee or group of awardees, such as the establishment of a special inspector general or other mechanisms as the Comptroller General sees fit.

**SA 2056.** Mr. PAUL submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

Beginning on page 478, strike line 17, and all that follows through page 485, line 18, and insert the following:

**SEC. 2527. BASIC RESEARCH.**

(a) **NONDISCLOSURE OF MEMBERS OF GRANT REVIEW PANEL.**—Notwithstanding any other provision of law, each agency that awards a Federal research grant shall not disclose, either publicly or privately, to an applicant for such grant the identity of any member of the grant review panel for such applicant.

(b) **DOWNSTREAM REPORTING; IMPARTIALITY.**—

(1) **DOWNSTREAM REPORTING.**—Any person or institution awarded a grant from a Federal research agency shall—

(A) notify and seek authorization from the relevant agency for any funds derived from the grant made available through a subgrant or subsequent grant (including to an employee or subdivision of the grant recipient's organization); and

(B) ensure that each subgrant or subsequent grant award (including to an employee or subdivision of the grant recipient's organization) funded with funds derived from the Federal grant is within the scope of the Federal grant award.

(2) **IMPARTIALITY IN FUNDING SCIENTIFIC RESEARCH.**—Notwithstanding any other provision of law, each Federal agency, in awarding grants for scientific research, shall be impartial and shall not seek to advance any political position or fund a grant to reach a predetermined conclusion.

**SEC. 2528. GAO STUDY ON OVERSIGHT OF FEDERAL SCIENCE AND TECHNOLOGY GRANT MAKING AND INVESTMENTS.**

(a) **FINDINGS.**—Congress finds that—

(1) in instances such as the Troubled Asset Relief Program, the American Recovery and Reinvestment Act of 2009, Iraq, and Afghani-

stan, Congress has created special inspectors general and other oversight entities focused on particular program areas who have performed in outstanding ways;

(2) the oversight entities described in paragraph (1) have helped to strengthen oversight in cross-agency activities and where component inspectors general may have otherwise faced significant challenges;

(3) because of the cross-agency nature of Federal science and technology activities, Congress created the Office of Science and Technology Policy to coordinate and harmonize among science functions at agencies;

(4) the United States innovation ecosystem, which uses multiple science agencies to invest in research and development, can make it more difficult to identify and remove scientists who violate research integrity principles;

(5) the single agency jurisdiction of an agency inspector general can be a disadvantage with respect to their oversight roles, and opportunities to strengthen the system may exist;

(6) single agency jurisdiction of inspectors general may also make it difficult to harmonize principles and standards for oversight of waste, fraud, and abuse among agencies; and

(7) certain issues of fraud, waste, and abuse in Federal science and technology activities span multiple agencies and are more apparent through cross-agency oversight.

(b) **STUDY.**—Not later than 1 year after the date of enactment of this Act, the Comptroller General of the United States shall conduct a study and submit to Congress a report that—

(1) evaluates the frequency of cases of waste, fraud, or abuse perpetrated across multiple Federal science agencies by an awardee or group of awardees;

(2) evaluates the effectiveness of existing mechanisms to detect waste, fraud, and abuse perpetrated across multiple Federal science agencies by an awardee or group of awardees; and

(3) evaluates options for strengthening detection of waste, fraud, and abuse perpetrated across multiple Federal science agencies by an awardee or group of awardees, including by examining the benefits and drawbacks of—

(A) providing additional support to agency inspectors general with regard to coordinated oversight of Federal and technology grant making investments; and

(B) alternative mechanisms for strengthening prevention and detection of waste, fraud, and abuse across Federal science agencies perpetrated across multiple Federal science agencies by an awardee or group of awardees, such as the establishment of a special inspector general or other mechanisms as the Comptroller General sees fit.

**SA 2057.** Mr. BARRASSO (for himself, Ms. MURKOWSKI, Ms. LUMMIS, Mr. LANKFORD, Mr. CRAMER, Mrs. HYDE-SMITH, and Mr. HOEVEN) submitted an amendment intended to be proposed by him to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the end of title V, add the following:

**SEC. 522. GLOBAL COOPERATIVE FRAMEWORK TO END HUMAN RIGHTS ABUSES IN SOURCING CRITICAL MINERALS.**

(a) **IN GENERAL.**—The Secretary of State shall seek to convene a meeting of foreign leaders to establish a multilateral framework to end human rights abuses, including the exploitation of forced labor and child labor, related to the mining and sourcing of critical minerals.

(b) **CERTIFICATION SCHEME.**—The Secretary shall seek to ensure that the framework under subsection (a) includes a certification scheme, comprised of—

(1) minimum requirements for national legislation, institutions, and import and export controls related to the sourcing of critical minerals;

(2) measures to enforce transparency in the exchange of production, transportation, and end-use manufacturing data related to critical minerals, including through the use of blockchain technology, if feasible;

(3) prohibitions on the purchase or trade in critical minerals unless parties to the purchase or trade are certified under and in compliance with the framework; and

(4) measures to certify shipments as in compliance with the framework, including requiring the provision of supporting documentation.

(c) **IMPLEMENTATION REPORT.**—The Secretary shall lead the development of an annual global report on the implementation of the framework under subsection (a), including progress and recommendations to fully end human rights abuses, including the exploitation of forced labor and child labor, related to the extraction of critical minerals around the world.

(d) **REVIEW OF CONFLICT MINERALS LIST.**—The Secretary shall review the list of conflict minerals under section 1502(e)(4) of the Dodd-Frank Wall Street Reform and Consumer Protection Act (Public Law 111-203; 124 Stat. 228) to determine whether certain critical minerals, such as cobalt, should be included on the list.

(e) **CRITICAL MINERAL DEFINED.**—In this section, the term “critical mineral” has the meaning given the term in section 7002(a) of the Energy Act of 2020 (division Z of Public Law 116-260; 30 U.S.C. 1606(a)).

**SA 2058.** Mr. CASSIDY (for himself, Mr. DURBIN, Ms. HIRONO, Mr. COONS, Mr. WARNOCK, and Mr. GRASSLEY) submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place in division F, insert the following:

**SEC. \_\_\_\_ . COLLECTION, VERIFICATION, AND DISCLOSURE OF INFORMATION BY ONLINE MARKETPLACES TO INFORM CONSUMERS.**

(a) **COLLECTION AND VERIFICATION OF INFORMATION.**—

(1) **COLLECTION.**—

(A) **IN GENERAL.**—An online marketplace shall require any high-volume third party seller on such online marketplace's platform to provide, not later than 7 days after qualifying as a high-volume third party seller on the platform, the following information to the online marketplace: